



Express Mail No. EU627418579US  
Attorney Docket No.: AM-5850

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Matthew J. Jolley et al.

SERIAL NO.: 09/905,561

FILED: July 13, 2001

FOR: PATTERN GENERATION METHOD AND  
APPARATUS USING CACHED CELLS OF  
HIERARCHICAL DATA

§ GROUP ART UNIT: 2881  
§  
§ EXAMINER: K. Fernandez  
§  
§  
§  
§ Attorney Docket No.:  
§ AM-5850

Date: August 27, 2003

**ASSOCIATE POWER OF ATTORNEY**

**Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

Sir:

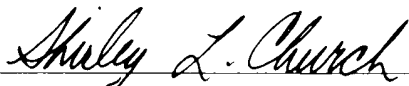
The undersigned principal attorney of record hereby appoints Shirley L. Church (Reg. No. 31,858) and Kathi Bean (Reg. No. 36,644) as authorized associate attorneys/agents in the above identified application.

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**CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

I hereby certify that this paper is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as U.S. EXPRESS MAIL NO. EU627418579US in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: August 27, 2003

  
Shirley L. Church, Reg. No. 31,858

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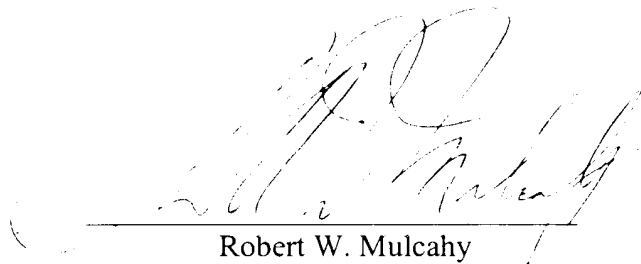
Please send all correspondence concerning the above identified application to the following address:

Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450-A  
Santa Clara, CA 95052

Please direct all telephone calls concerning the above identified application to Shirley L. Church at (650) 473-9700.

I, the undersigned, am listed as an attorney of record on the original Power of Attorney filed with the subject application.

8/26/03  
Date

  
Robert W. Mulcahy  
Reg. No. 25,436